

What is claimed is:

1. A wire member for a thermal fuse element wherein said wire element has an alloy composition of 30 to 70% Sn, 0.3 to 20% Sb, and a balance Bi.
- 5 2. A wire member for a thermal fuse element wherein said wire element has an alloy composition of 38 to 50% Sn, 3 to 9% Sb, and a balance Bi.
3. A wire member for a thermal fuse element wherein 0.1 to 7 weight parts of one, or two or more metals selected from
10 the group consisting of Ag, Au, Cu, Ni, Pd, and Pt are added to 100 weight parts of an alloy according to claim 1.
4. A wire member for a thermal fuse element wherein 0.1 to 7 weight parts of one, or two or more metals selected from the group consisting of Ag, Au, Cu, Ni, Pd, and Pt are
15 added to 100 weight parts of an alloy according to claim 2.
5. An alloy type thermal fuse wherein a wire member for a thermal fuse element according to claim 1 is used as a fuse element.
6. An alloy type thermal fuse wherein a wire member for a
20 thermal fuse element according to claim 2 is used as a fuse element.
7. An alloy type thermal fuse wherein a wire member for a thermal fuse element according to claim 3 is used as a fuse element.
- 25 8. An alloy type thermal fuse wherein a wire member for a

thermal fuse element according to claim 4 is used as a fuse element.

9. An alloy type thermal fuse according to claim 5, wherein a heating element for fusing off said fuse element is additionally disposed.

10. An alloy type thermal fuse according to claim 6, wherein a heating element for fusing off said fuse element is additionally disposed.

11. An alloy type thermal fuse according to claim 7, wherein a heating element for fusing off said fuse element is additionally disposed.

12. An alloy type thermal fuse according to claim 8, wherein a heating element for fusing off said fuse element is additionally disposed.